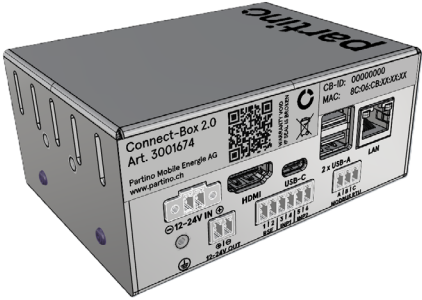




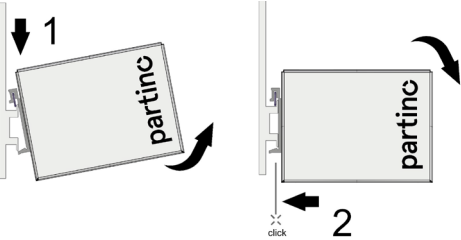
Connect-Box 2.0

Floatbridge Lastmanagement
Short Installation Guide

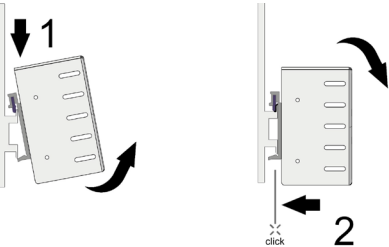
Okt. 2025 | rev 1.2

1 Installation

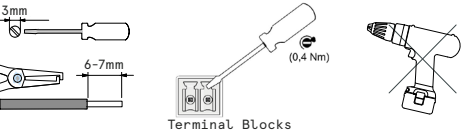
1.1 Installation Version 1



1.2 Installation Version 2

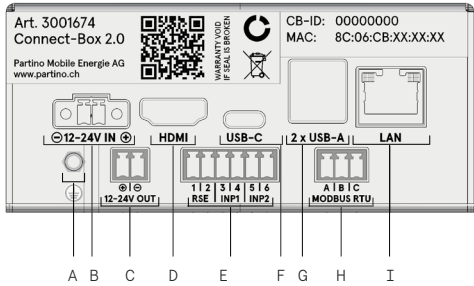
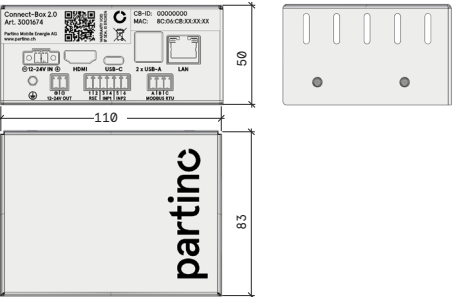


1.3 Installation Tool



WARNING!
Do not connect or disconnect the device while it is powered.

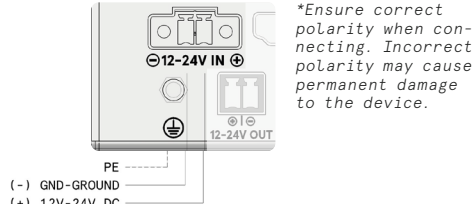
2 Dimensions



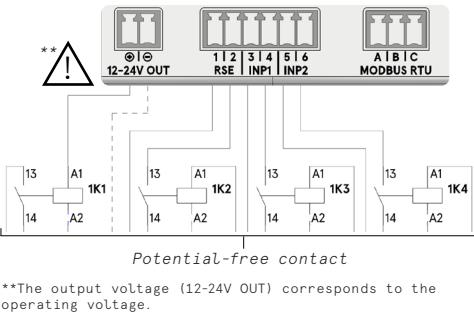
- A. PE Protective earth connection
- B. 12-24V Mains connection DC*
- C. OUTPUT 12V-24V DC operating voltage
- D. HDMI Future application
- E. INPUT RSE, EnWG 14a, Smart Grid (INP1/INP2)
- F. USB-C Future application
- G. 2xUSB Future application
- H. MODBUS Modbus RTU (future application)
- I. LAN LAN connection RJ45

4 Installation

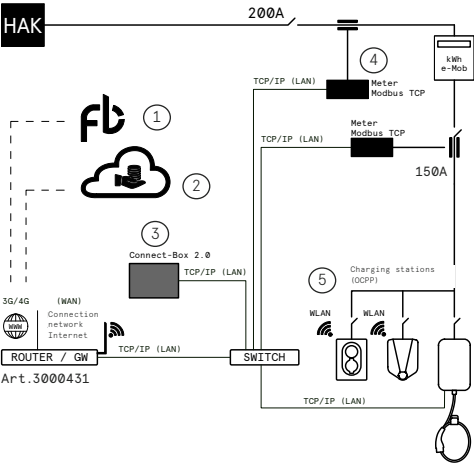
4.1 Mains connection DC*



4.2 Input and output contacts



5 Topology



- 1. Floatbridge Partino - WEB (technical backend)
- 2. Various billing service providers
- 3. Connect-Box 2.0 (Partino server)
- 4. Monitoring of fuses (Meter Modbus TCP)
- 5. Independent charging stations (OCPP)

Connect-Box 2.0

All components of the Floatbridge Load management system must be able to communicate with each other via the network. The devices may be located in different networks or VLANs, provided that the necessary IP accessibility (routing and port sharing) is guaranteed. A shared network is recommended to simplify setup. An additional router can be used to set up a separate network.

Existing network infrastructure

In an existing network, a static IP address must be reserved for the Connect Box 2.0 (Partino Server) and for all measuring points (Modbus TCP).

Separate network for the Connect Box 2.0

With an additional router, a separate network can be set up, which simplifies the management and configuration of the network components. We recommend using the pre-configured Teltonika router (Art. 3000431) from Partino.

With a suitable router (e.g. Art. 3000431), the system can alternatively also be connected to the internet via mobile communications (LTE).

7 System information

Function	Lastmanagement
Partino item number	30001674
Partino type designation	Connect-BOX 2.0
Operating voltage	12V / 24V DC
Power consumption	max. 8.5W
Rated frequency	50 Hz
Operating temperature	-25° bis +85°C
Meter type	Modbus:TCP, RTU
Modbus A,B,C	RTU
LAN	1 Gigabit Ethernet
Output	12V - 24V DC gemäß Betriebsspannung
Input	RSE, INP1, INP2
Dimensions	110x50x83mm

Our e-Facts



Here you will find everything you need to know about installation.

Contact us

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